

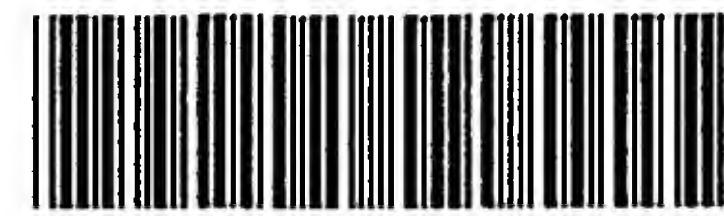
#4

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/534,544
Source: PCT/10
Date Processed by STIC: 5/19/05

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/534,544

DATE: 05/19/2005
TIME: 10:37:49

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\05182005\J534544.raw

3 <110> APPLICANT: Pietrokovski, Shmuel
 4 Amitai, Gil
 6 <120> TITLE OF INVENTION: CHIMERIC AUTOPROCESSING POLYPEPTIDES AND USES THEREOF
 8 <130> FILE REFERENCE: 29489
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/534,544
 C--> 10 <141> CURRENT FILING DATE: 2005-05-10
 10 <160> NUMBER OF SEQ ID NOS: 109
 12 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

*Dose Not Comply
Corrected Diskette Needed*

PZ

7105 <210> SEQ ID NO: 109
 7106 <211> LENGTH: 541
 7107 <212> TYPE: PRT
 7108 <213> ORGANISM: artificial sequence
 7110 <220> FEATURE:
 7111 <223> OTHER INFORMATION: MBP-PsyBIL carboxy terminal cleavage product
 7113 <400> SEQUENCE: 109
 7115 Met Lys Thr Glu Glu Gly Lys Leu Val Ile Trp Ile Asn Gly Asp Lys
 7116 1 5 10 15
 7119 Gly Tyr Asn Gly Leu Ala Glu Val Gly Lys Lys Phe Glu Lys Asp Thr
 7120 20 25 30
 7123 Gly Ile Lys Val Thr Val Glu His Pro Asp Lys Leu Glu Glu Lys Phe
 7124 35 40 45
 7127 Pro Gln Val Ala Ala Thr Gly Asp Gly Pro Asp Ile Ile Phe Trp Ala
 7128 50 55 60
 7131 His Asp Arg Phe Gly Gly Tyr Ala Gln Ser Gly Leu Leu Ala Glu Ile
 7132 65 70 75 80
 7135 Thr Pro Asp Lys Ala Phe Gln Asp Lys Leu Tyr Pro Phe Thr Trp Asp
 7136 85 90 95
 7139 Ala Val Arg Tyr Asn Gly Lys Leu Ile Ala Tyr Pro Ile Ala Val Glu
 7140 100 105 110
 7143 Ala Leu Ser Leu Ile Tyr Asn Lys Asp Leu Leu Pro Asn Pro Pro Lys
 7144 115 120 125
 7147 Thr Trp Glu Glu Ile Pro Ala Leu Asp Lys Glu Leu Lys Ala Lys Gly
 7148 130 135 140
 7151 Lys Ser Ala Leu Met Phe Asn Leu Gln Glu Pro Tyr Phe Thr Trp Pro
 7152 145 150 155 160
 7155 Leu Ile Ala Ala Asp Gly Gly Tyr Ala Phe Lys Tyr Glu Asn Gly Lys
 7156 165 170 175
 7159 Tyr Asp Ile Lys Asp Val Gly Val Asp Asn Ala Gly Ala Lys Ala Gly
 7160 180 185 190

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/534,544

DATE: 05/19/2005
TIME: 10:37:50

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\05182005\J534544.raw

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7167	Thr	Asp	Tyr	Ser	Ile	Ala	Glu	Ala	Ala	Phe	Asn	Lys	Gly	Glu	Thr	Ala
7168		210			215								220			
7171	Met	Thr	Ile	Asn	Gly	Pro	Trp	Ala	Trp	Ser	Asn	Ile	Asp	Thr	Ser	Lys
7172	225		230			230			235				240			
7175	Val	Asn	Tyr	Gly	Val	Thr	Val	Leu	Pro	Thr	Phe	Lys	Gly	Gln	Pro	Ser
7176		245			245			250			250		255			
7179	Lys	Pro	Phe	Val	Gly	Val	Leu	Ser	Ala	Gly	Ile	Asn	Ala	Ala	Ser	Pro
7180		260			260			265			265		270			
7183	Asn	Lys	Glu	Leu	Ala	Lys	Glu	Phe	Leu	Glu	Asn	Tyr	Leu	Leu	Thr	Asp
7184		275			275			280			280		285			
7187	Glu	Gly	Leu	Glu	Ala	Val	Asn	Lys	Asp	Lys	Pro	Leu	Gly	Ala	Val	Ala
7188		290			290			295			295		300			
7191	Leu	Lys	Ser	Tyr	Glu	Glu	Glu	Leu	Ala	Lys	Asp	Pro	Arg	Ile	Ala	Ala
7192	305		310			310			315				320			
7195	Thr	Met	Glu	Asn	Ala	Gln	Lys	Gly	Glu	Ile	Met	Pro	Asn	Ile	Pro	Gln
7196		325			325			330			330		335			
7199	Met	Ser	Ala	Phe	Trp	Tyr	Ala	Val	Arg	Thr	Ala	Val	Ile	Asn	Ala	Ala
7200		340			340			345			345		350			
7203	Ser	Gly	Arg	Gln	Thr	Val	Asp	Glu	Ala	Leu	Lys	Asp	Ala	Gln	Thr	Asn
7204		355			355			360			360		365			
7207	Ser	Ser	Ser	Asn	Leu	Gly	Ile									
7208		370			370			375			375		380			
7211	Glu	Gly	Arg	Ile	Ser	Glu	Phe	Gly	Ser	Cys	Phe	Ala	Ala	Gly	Thr	Met
7212	385		390			390			395				400			
7215	Val	Ser	Thr	Pro	Asp	Gly	Glu	Arg	Ala	Ile	Asp	Thr	Leu	Lys	Val	Gly
7216		405			405			410			410		415			
7219	Asp	Ile	Val	Trp	Ser	Lys	Pro	Glu	Gly	Gly	Lys	Pro	Phe	Ala	Ala	
7220		420			420			425			425		430			
7223	Ala	Ile	Leu	Ala	Thr	His	Ile	Arg	Thr	Asp	Gln	Pro	Ile	Tyr	Arg	Leu
7224		435			435			440			440		445			
7227	Lys	Leu	Lys	Gly	Lys	Gln	Glu	Asn	Gly	Gln	Ala	Glu	Asp	Glu	Ser	Leu
7228		450			450			455			455		460			
7231	Leu	Val	Thr	Pro	Gly	His	Pro	Phe	Tyr	Val	Pro	Ala	Gln	His	Gly	Phe
7232	465		470			470			475				480			
7235	Val	Pro	Val	Ile	Asp	Leu	Lys	Pro	Gly	Asp	Arg	Leu	Gln	Ser	Leu	Ala
7236		485			485			490			490		495			
7239	Asp	Gly	Ala	Ser	Glu	Asn	Thr	Ser	Ser	Glu	Val	Glu	Ser	Leu	Glu	Leu
7240		500			500			505			505		510			
7243	Tyr	Leu	Pro	Val	Gly	Lys	Thr	Tyr	Asn	Leu	Thr	Val	Asp	Val	Gly	His
7244		515			515			520			520		525			
7247	Thr	Phe	Tyr	Val	Gly	Lys	Leu	Lys	Thr	Trp	Val	His	Asn			
7248		530			530			535			535		540			

E--> 7259 1

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/534,544

DATE: 05/19/2005
TIME: 10:37:51

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\05182005\J534544.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:32
M:341 Repeated in SeqNo=8
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:32
M:341 Repeated in SeqNo=9
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:32
M:341 Repeated in SeqNo=10
L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
M:341 Repeated in SeqNo=11
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:32
M:341 Repeated in SeqNo=12
L:462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:32
M:341 Repeated in SeqNo=13
L:530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:32
M:341 Repeated in SeqNo=14
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:341 Repeated in SeqNo=15
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16
M:341 Repeated in SeqNo=17
L:808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:32
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L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:32
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L:938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:32
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L:1004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:32
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L:1070 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:32
M:341 Repeated in SeqNo=22
L:1134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:32
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L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:32
M:341 Repeated in SeqNo=24
L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:32
M:341 Repeated in SeqNo=25
L:1326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:32
M:341 Repeated in SeqNo=26
L:1390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:32
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L:1456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:32
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L:1596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:32
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/534,544

DATE: 05/19/2005

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\05182005\J534544.raw

L:1662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:32

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L:1726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:32

M:341 Repeated in SeqNo=32

L:7259 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:109